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PATENT

The filing of this document shall not be construed to mean that any search has been made or, that if made such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists. A list of the references is set forth on Form PTO-1449, which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

- ☒ The undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. A copy of the search report dated September 4, 2002 is enclosed.

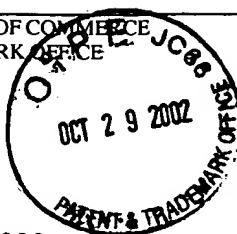
Respectfully submitted,

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 010362	SERIAL NO. 09/881,868
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Krishnan, et al.	
		FILING DATE June 15, 2001	GROUP 2131
DATE MAILED: October 24, 2002			



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1	5 1 0 3 4 5 9	04/07/92	Gilhousen, et al.			
	A2	6 1 2 4 7 9 9	09/26/00	Parker			
	A3	6 1 3 8 0 0 5	10/24/00	Park			
	A4						
	A5						

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FOREIGN PATENT DOCUMENTS

Technology Center 2100

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1	0 8 2 2 7 3 0	02/04/98	EP	NEC Corporation		
	B2	0 6 5 7 8 7 3	12/02/94	EP	Hitachi Denshi Kabushiki		
	B3						
	B4						
	B5						
	B6						
	B7						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

C1	Yasukawa, H. "Spectrum Broadening of Telephone Band Signals Using Multirate Processing for Speech Quality Enhancement" IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, Institute of Electronics Information and Comm. Eng. Tokyo, JP., Vol. E78-A:8. Pgs. 996-998 (1995).
C2	
EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	